AUTODOC CLUB

How to change front ball joint on **RENAULT Scénic I (JA0/1, FA0)** – replacement guide

SIMILAR VIDEO TUTORIAL

This video shows the replacement procedure of a similar car part on another vehicle

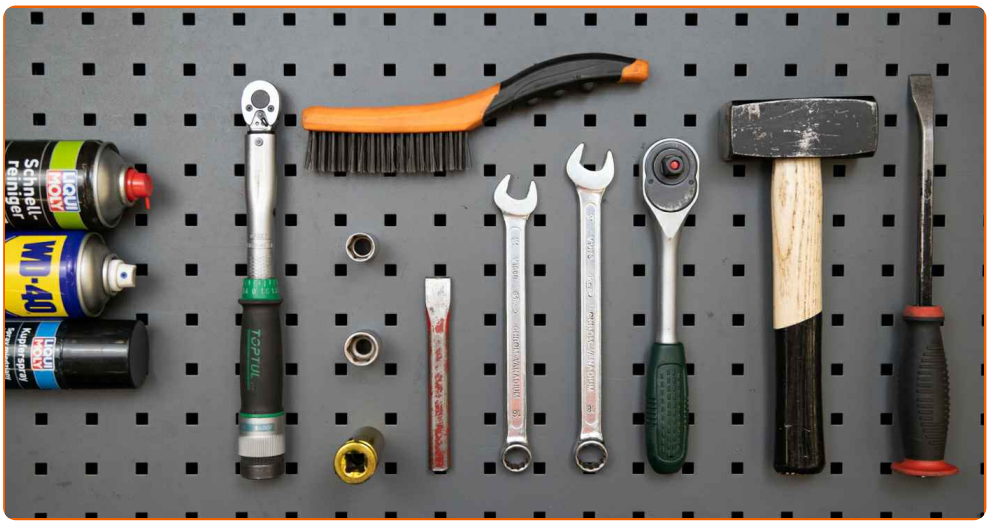
Important!

This replacement procedure can be used for:
RENAULT Scénic I (JA0/1, FA0) 1.4 16V, RENAULT Scénic I (JA0/1, FA0) 2.0 16V, RENAULT Scénic I (JA0/1, FA0) 1.9 dTi, RENAULT Scénic I (JA0/1, FA0) 1.9 dCi, RENAULT Scénic I (JA0/1, FA0) 1.8 16V, RENAULT Scénic I (JA0/1, FA0) 1.6, RENAULT Scénic I (JA0/1, FA0) 1.9 D, RENAULT Scénic I (JA0/1, FA0) 1.6 BiFuel, RENAULT Scénic I (JA0/1, FA0) 1.6 BiFuel (JA04), RENAULT Scénic I (JA0/1, FA0) 1.6 (JA00, JA16, JA15, JA19, JA1V, JA2B, JA2C, JA0B)

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: RENAULT Megane Scenic (JA) 1.6 16V

REPLACEMENT: BALL JOINT – RENAULT SCÉNIC I (JA0/1, FA0). LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Torque wrench
- Combination spanner #16
- Combination spanner #18
- Drive socket # 16
- Drive socket # 18
- Wheel impact socket #19
- Ratchet wrench
- Flat chisel
- Crow bar
- Hammer
- Wheel chock

Buy tools

Replacement: ball joint – RENAULT Scénic I (JA0/1, FA0). AUTODOC experts recommend:

- The replacement procedure is identical for the left and right ball joints.
- Please note: all work on the car – RENAULT Scénic I (JA0/1, FA0) – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Secure the wheels with chocks.

2 Loosen the wheel mounting bolts. Use wheel impact socket #19.

3 Raise the car.

Replacement: ball joint – RENAULT Scénic I (JA0/1, FA0). Tip from AUTODOC experts:

- If you are using a jack, make sure it rests on a flat surface without any unevenness.
- Be sure to additionally secure the car with jack stands.

4 Unscrew the wheel bolts.

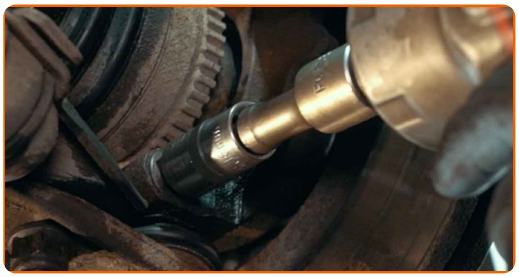
AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. RENAULT Scénic I (JA0/1, FA0)

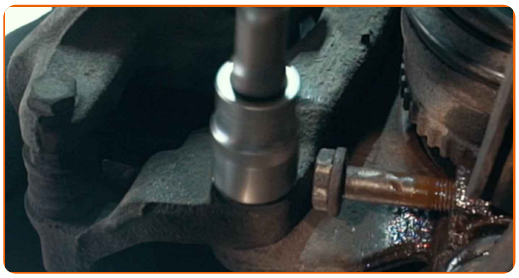
5 Remove the wheel.

6 Clean the fastener connecting the ball joint to the steering knuckle. Use a wire brush. Use WD-40 spray.

7 Unscrew the ball joint fastening to the steering knuckle. Use a combination spanner #16. Use a drive socket #16. Use a ratchet wrench.



8 Unscrew the caliper bracket fastening. Use a drive socket #18. Use a ratchet wrench.



9 Remove the fastening bolt.

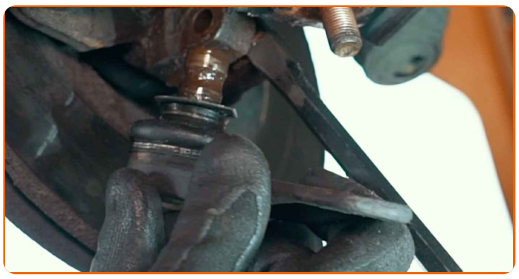
10 Clean the fasteners connecting the ball joint to the suspension control arm. Use a wire brush. Use WD-40 spray.

11 Unscrew the fastener connecting the ball joint to the suspension control arm. Use a combination spanner #18. Use a drive socket #18. Use a ratchet wrench.

12 Release the fastener connecting the ball joint to the steering knuckle. Use a crowbar.

13 Disconnect the ball joint from the control arm.

14 Disconnect the ball joint from the steering knuckle. Use a flat metal-working chisel. Use a hammer.



15 Clean the ball joint mounting seat. Use a wire brush.

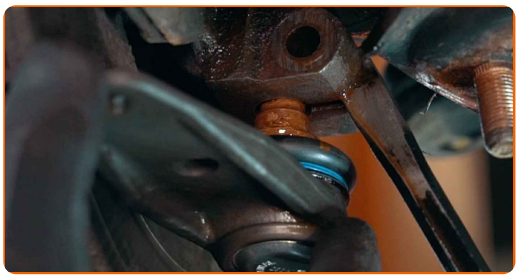
16 Install a new ball joint.

Replacement: ball joint – RENAULT Scénic I (JA0/1, FA0). AUTODOC experts recommend:

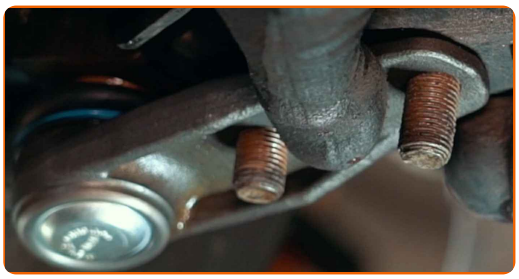
- Do not damage the ball joint cover.

17 Treat the fasteners of the ball joint. Use copper grease.

18 Connect the ball joint to the steering knuckle.

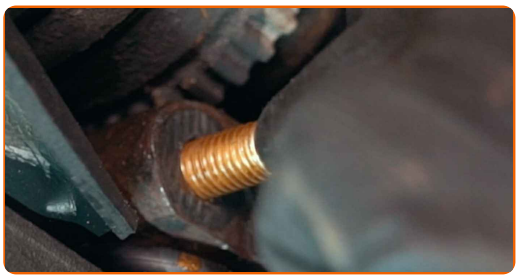


19 Attach the ball joint to the control arm.

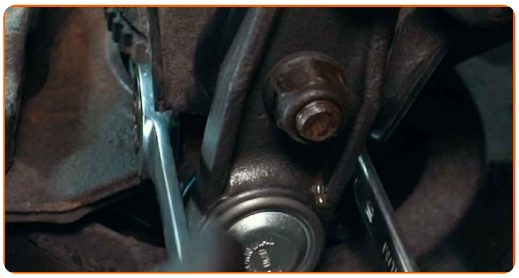


20 Screw in the fastener connecting the ball joint to the control arm. Use a combination spanner #18. Use a drive socket #18. Use a ratchet wrench.

21 Install the fastening bolt.

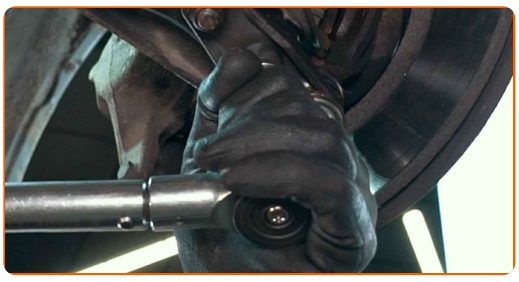


22 Screw the fastener connecting the ball joint to the steering knuckle. Use a combination spanner #16. Use a drive socket #16. Use a ratchet wrench.

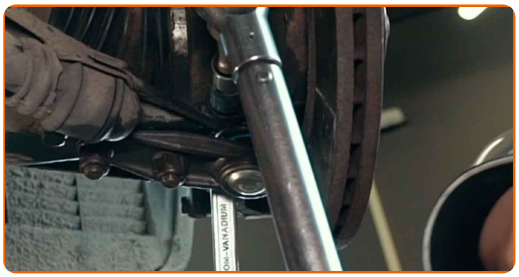


23 Tighten the brake caliper bracket. Use a drive socket #18. Use a torque wrench. Tighten it to 100 Nm torque.

24 Tighten the fasteners connecting the ball joint to the control arm. Use a drive socket #18. Use a torque wrench. Tighten it to 75 Nm torque.



25 Tighten the fastener connecting the ball joint to the steering knuckle. Use a combination spanner #16. Use a drive socket #16. Use a torque wrench. Tighten it to 55 Nm torque.



26 Treat the fasteners of the ball joint. Use copper grease.

27 Treat the surface where the brake disc contacts the wheel rim. Use copper grease.

28 Clean the brake disk surface. Use a brake cleaner.

AUTODOC recommends:

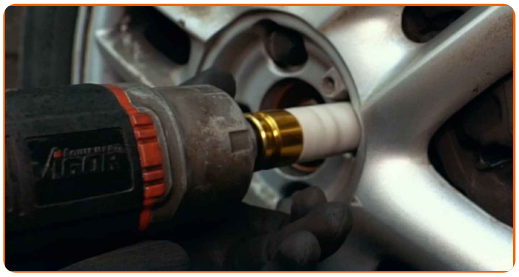
- Replacement: ball joint – RENAULT Scénic I (JA0/1, FA0). After applying the spray, wait a few minutes.

29 Install the wheel.

AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. RENAULT Scénic I (JA0/1, FA0)

30 Screw in the wheel bolts. Use wheel impact socket #19.



31 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #19. Use a torque wrench. Tighten it to 90 Nm torque.

32 Remove the jacks and chocks.

Replacement: ball joint – RENAULT Scénic I (JA0/1, FA0). Tip from AUTODOC experts:

- After replacing the component, it is advisable to realign the wheels using a wheel aligner.

WELL DONE!

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